CLAIM AMENDMENTS

Claims 1-87 (Cancelled).

88. (Currently Amended) ~~The method claim 70 wherein~~ A method for treating source water comprising:

directing water through a filter assembly having a filter medium; and

irradiating the water ~~includes irradiating water~~ with broadband radiation having one or more wavelengths in the range from about 100nm to about 1100nm.

Claims 89 and 90 (Cancelled).

91. (Currently Amended) The method of claim ~~70~~ 88 wherein irradiating the water includes irradiating water with a pulsed radiation.

92. (Currently Amended) The method of claim ~~70~~ 88 wherein irradiating the water includes irradiating water with continuous radiation.

93. (Currently Amended) The method of claim ~~70~~ 88 wherein irradiating the water comprises directly irradiating the water.

94. (Currently Amended) The method of claim ~~70~~ 88 wherein irradiating the water includes indirectly irradiating the water.

95. (Original) The method of claim 94 wherein indirectly irradiating the water includes irradiating a photoactive material and contacting the water with the photoactivated material.

96. (Currently Amended) The method of claim ~~70~~ 88 wherein the method further comprises directing the water through a prefilter assembly including a filter medium having a removal rating greater than or equal to about 100 microns and being disposed upstream of the filter assembly, wherein directing water through a filter assembly having a filter medium includes directing water through a microporous filter medium having a removal rating in the range from about 0.05 micron to about 1 micron, and wherein irradiating the water includes irradiating water upstream of the filter medium of the filter assembly and downstream of the filter medium of the prefilter assembly and irradiating the water further includes irradiating

water with a pulsed~~, broadband~~ radiation source ~~which generates radiation having wavelengths in the range from about 100nm to about 1100nm~~.

Claims 97-115 (Cancelled).

116. (Currently Amended) ~~The system of claim 98 wherein the~~ A system for treating source water comprising:

an inlet for receiving sourcewater;

an outlet for discharging water;

a filter assembly having a filter medium disposed between the inlet and the outlet; and

a radiation assembly ~~includes~~ arranged to irradiate the water between the inlet and the outlet and including a radiation source generating broadband radiation having one or more wavelengths in the range from about 100nm to about 1100nm.

Claims 117 and 118 (Cancelled).

119. (Currently Amended) The system of claim ~~98~~ 116 wherein the radiation assembly includes a radiation source which generates pulsed radiation.

120. (Currently Amended) The system of claim ~~98~~ 116 wherein the radiation assembly includes a radiation source which generates continuous radiation.

121. (Currently Amended) The system of claim ~~98~~ 116 wherein the radiation assembly is arranged to directly irradiate the water.

122. (Currently Amended) The system of claim ~~98~~ 116 wherein the radiation assembly is arranged to indirectly irradiate the water.

123. (Original) The system of claim 122 wherein the radiation assembly includes a radiation source and a photoactive material, the radiation source being arranged to irradiate the photoactive material.

124. (Currently Amended) The system of claim ~~98~~ 116 further comprising a prefilter assembly including a filter medium having a removal rating greater than or equal to about 100 microns and being disposed upstream of the filter assembly, wherein the filter medium of the filter assembly includes a microporous filter medium having a removal rating in the range

from about 0.05 micron to about 1 micron, and wherein the radiation assembly is arranged to irradiate water upstream of the filter medium of the filter assembly and downstream of the prefilter assembly, the radiation assembly including a radiation source which generates a pulsed~~, broadband~~ radiation~~ having wavelengths from about 100nm to about 1100nm~~.

Claims 125-129 (Cancelled).

130. (New) The method of claim 88 wherein irradiating the water with broadband radiation comprises generating radiation having a distribution of wavelengths within any subband extending for at least about 20% of the range.

131. (New) The method of claim 88 wherein irradiating the water with broadband radiation comprises generating radiation having a distribution of wavelengths within the subband from about 185nm to 400nm.

132. (New) The system of claim 116 wherein the radiation source generates radiation having a distribution of wavelengths within any subband extending for at least about 20% of the range.

133. (New) The system of claim 116 wherein the radiation source generates radiation having a distribution of wavelengths within the subband from about 185nm to about 400nm.

REMARKS

In response to the Official Action mailed September 10, 2003, Applicants provisionally elect, Group 12 including claims 88-97 and 116-125. Claims 1-87, 89, 90, 97, 98-115, 117, 118 and 125-129 have been cancelled.

To better define the invention by more particularly pointing out and distinctly claiming the inventive method and system, new claims 130-133 have been added. The new claims are fully supported by the original specification, claims and drawings. No new matter has been added.

A favorable action is solicited.

Respectfully submitted,

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